



Trans-Lake Washington Project

## East of I-405 to SR 202 Neighborhoods Evaluation Results

- Concept 1 - Expanded Bridges
  - No changes are proposed
- Concept 2 - Lids in Topographic Areas that Support Lidding
  - No changes are proposed
- Concept 3 - Community Suggestions
  - Neighborhood Connectivity
    - Could reduce effects of SR 520 as a barrier between neighborhoods
    - Provide bike/pedestrian enhancements and landscaping
    - Benefits are isolated to area NE 40th Street



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## East of I-405 to SR 202 Neighborhoods Evaluation Results

- Concept 3 - Community Suggestions cont.
  - Aesthetics
    - Link commercial and office developments
    - Provide attractive open spaces
  - Noise
    - Little noise impact benefit is achieved
  - Air Quality
    - Similar to Concept 2 in the Eastlake/Portage Bay/Roanoke/North Capitol Hill area
    - No ventilation is required
  - Cost
    - Estimated at \$110 million for 40th Street
    - Estimated at \$60 million for 31st Street



## Evaluation Criteria

- Neighborhood Connectivity
  - Effectiveness of the community enhancement concepts in strengthening neighborhood connectivity
- Aesthetics
  - Maintain or enhance the visual environment
- Noise
  - Noise reduction benefits, supplemental noise mitigation, & overall noise reduction
- Air Quality
  - Maintain or enhance air quality
- Costs
  - Cost opinions for the community enhancement concepts



## Noise Impact Comparison Summary

	1. Noise Impacts w/o Mitigation	2. Noise Impacts w/mitigation & w/o lids	3. Noise Impacts w/Lids & w/o Supplemental Mitigation	4. Noise Impacts w/Lids & Supplemental Mitigation
<b>Eastlake/Portage Bay/Roanoke/North Capitol Hill Neighborhoods</b>				
Concept 1			○	●
Concept 2			○	●
Concept 3	○	●	●	●
<b>Montlake Neighborhoods</b>				
Concept 1			○	●
Concept 2			○	●
Concept 3	○	●	●	●
<b>Lake Washington to West of I-405</b>				
Concept 1a				
Concept 1b			○	●
Concept 2a			○	●
Concept 2b			●	●
Concept 3	○	●	●	●
<b>East of I-405 to SR 202</b>				
Concept 1			N/A	N/A
Concept 2			N/A	N/A
Concept 3	○	●	●	●



# Cost Summary Table

<b>Eastlake/Portage Bay/Reynolds/North Capitol Hill Neighborhoods</b>	
<i>Concept 1 - Expanded Bridges</i>	\$60 million
<i>Concept 2 - Lids In Topographic Areas that Support Lidding</i>	\$360 million
<i>Concept 3 - Community Suggestions</i>	\$500 million
<b>Montlake Neighborhoods</b>	
<i>Concept 1 - Expanded Bridges</i>	\$25 million
<i>Concept 2 - Lids In Topographic Areas that Support Lidding</i>	\$110 million
<i>Concept 3 - Community Suggestions</i>	\$340 million
<b>Lake Washington to West of I-405</b>	
<i>Concept 1 - Expanded Bridges</i>	
Evergreen Point Road Area	\$10 million
84 <sup>th</sup> Avenue NE Area	
Concept 1a	\$15 million and
Concept 1b	\$35 million
97 <sup>th</sup> Avenue NE Area	
Concept 1a	\$20 million
Concept 1b	\$40 million
<i>Concept 2 - Lids In Topographic Areas that Support Lidding</i>	
Evergreen Point Road Area	
Concept 2a	\$190 million
Concept 2b	\$350 million
84 <sup>th</sup> Avenue NE Area	
Concept 2a	\$370 million and
Concept 2b	\$510 million
97 <sup>th</sup> Avenue NE Area	
Concept 2a	\$160 million
Concept 2b	\$320 million
<i>Concept 3 - Community Suggestions</i>	
\$2.2 billion	
<b>East of I-405 to SR 202</b>	
<i>Concept 1 - Expanded Bridges</i>	N/A
<i>Concept 2 - Lids In Topographic Areas that Support Lidding</i>	N/A
<i>Concept 3 - Community Suggestions</i>	
40 <sup>th</sup> Street	\$110 million
31 <sup>st</sup> Street	\$60 million